

∠ Ç Joint at Intermediate Bent or Pier Poured Joint with Backer Rod Expansion Joint System (Index 21110) C-I-P Topping Bars 5T2 Bars 5T2 FSB (Typ.) Preformed Joint Filler Bearing Pad (Typ.) Expanded Polystyrene Dim A/2* 1'-11/5" 1'-1½" Intermediate Bent Cap AT INTERMEDIATE BENTS ALONG Q BEAM

(REINFORCING WITHIN FSB NOT SHOWN FOR CLARITY)

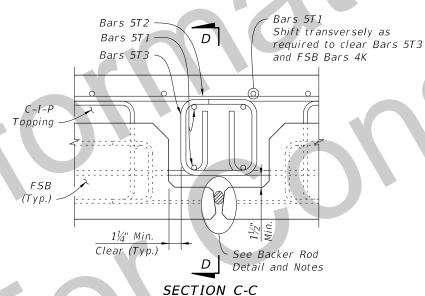
SECTION A-A

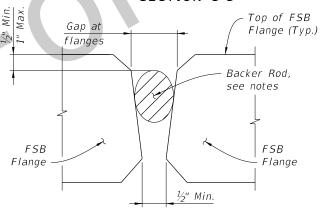
36" Single-Slope Traffic Railing Bars 4S (Index D427) See Index D427 Bars 5T1 Bar 4V Bars 5T2 See Index D427 Bars 4T4 C-I-P Topping Bar 5T1 1/2" FSB (Typ.) Working Point SECTION B-B

BACKER ROD NOTES:

- 1. Use a Backer Rod to form the bottom of the cast in place topping at the gap between adjacent FSBs. Use a Backer Rod meeting the requirements of ASTM C1330 or ASTM D5249, Types 1 or 3, with a minimum uncompressed diameter 50% larger than the field verified maximum width of the gap between adjacent FSBs. Measure gap at the top of the flanges as shown in the Backer Rod Detail.
- 2. Install the Backer Rod from the top down to the position shown in the Backer Rod Detail.
- 3. Secure the Backer Rod to prevent displacement during topping concrete placement and to be mortar tight using a compatible construction adhesive.
- 4. The Backer Rod may remain in place after topping concrete placement.

DESCRIPTION:





BACKER ROD DETAIL

Poured Joint with Backer Rod Bars 5T3 Expansion Joint System Bars 5T2 (Index 21110) — FSB Bars Bars 5T1 5E (Typ.) C-I-P Topping Bar 5T2 Bars 5T1 2" CI. FSB (Typ.) Expanded Polystyrene Backer Rod, see notes Bent Cap Short section of Backer Rod or Preformed Joint Filler 2"± Preformed Joint Filler secured using a compatible construction adhesive

> SECTION D-D AT SPAN END (SPAN END @ BEGIN/END BRIDGE SHOWN;

SPAN END @ INTERMEDIATE BENT SIMILAR)

POURED EXPANSION JOINT DATA TABLE INDEX NO 21110

110EX 100. 21110	
DIM. "A" @ 70°F	DIM. "A" ADJUSTMENT PER 10°F
2"	0"
	DIM. "A"

Dim. "A" adjustment per 10°F shown is measured perpendicular to & Expansion Joint. Work this Table with Design Standards Index No. 21110.

CROSS REFERENCE::

For location of Section A-A, B-B and C-C, See Indexes D30015, D30024, D30028, D30032 and D30040.

SUPERSTRUCTURE DETAILS

LAST 10/01/16

FDOT

DEVELOPMENTAL DESIGN STANDARDS

FSB SUPERSTRUCTURE PACKAGE

INDEX NO. D30000

SHEET NO. 2 of 2